



SEQUENCE LISTING

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Abraham, Judith A.
Baldwin, Patricia A.
Pollitt, Stephen N.

<120> VASCULAR ENDOTHELIAL GROWTH FACTOR DIMER VARIANTS

<130> 219002031120

<140> 09/575,199

<141> 2000-05-18

<150> US 60/177,407

<151> 2000-01-20

<150> US 60/135,312

<151> 1999-05-20

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<213> Homo sapiens

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Met	Asn	Phe	Leu	Leu	Ser	Trp	Val	His	Trp	Ser	Leu	Ala	Leu	Leu	Leu	
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tac	ctc	cac	cat	gcc	aag	tgg	tcc	cag	gct	gca	ccc	atg	gca	gaa	gga	96
Tyr	Leu	His	His	Ala	Lys	Trp	Ser	Gln	Ala	Ala	Pro	Met	Ala	Glu	Gly	
		20						25					30			

gga	ggg	cag	aat	cat	cac	gaa	gtg	gtg	aag	ttc	atg	gat	gtc	tat	cag	144
Gly	Gly	Gln	Asn	His	His	Glu	Val	Val	Lys	Phe	Met	Asp	Val	Tyr	Gln	
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cgc	agc	tac	tgc	cat	cca	atc	gag	acc	ctg	gtg	gac	atc	ttc	cag	gag	192
Arg	Ser	Tyr	Cys	His	Pro	Ile	Glu	Thr	Leu	Val	Asp	Ile	Phe	Gln	Glu	
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tac	cct	gat	gag	atc	gag	tac	atc	ttc	aag	cca	tcc	tgt	gtg	ccc	ctg	240
Tyr	Pro	Asp	Glu	Ile	Glu	Tyr	Ile	Phe	Lys	Pro	Ser	Cys	Val	Pro	Leu	
65					70					75					80	

atg	cga	tgc	ggg	ggc	tgc	tgc	aat	gac	gag	ggc	ctg	gag	tgt	gtg	ccc	288
Met	Arg	Cys	Gly	Gly	Cys	Cys	Asn	Asp	Glu	Gly	Leu	Glu	Cys	Val	Pro	
			85						90					95		

act	gag	gag	tcc	aac	atc	acc	atg	cag	att	atg	cgg	atc	aaa	cct	cac	336
Thr	Glu	Glu	Ser	Asn	Ile	Thr	Met	Gln	Ile	Met	Arg	Ile	Lys	Pro	His	
			100					105					110			

caa	ggc	cag	cac	ata	gga	gag	atg	agc	ttc	cta	cag	cac	aac	aaa	tgt	384
Gln	Gly	Gln	His	Ile	Gly	Glu	Met	Ser	Phe	Leu	Gln	His	Asn	Lys	Cys	
		115					120					125				

gaa	tgc	aga	cca	aag	aaa	gat	aga	gca	aga	caa	gaa	aaa	tgt	gac	aag	432
Glu	Cys	Arg	Pro	Lys	Lys	Asp	Arg	Ala	Arg	Gln	Glu	Lys	Cys	Asp	Lys	
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ccg	agg	cgg	tga													444
Pro	Arg	Arg														
145																

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 <212> PRT
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<400> 2																
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Gly	Gly	Gln	Asn	His	His	Glu	Val	Val	Lys	Phe	Met	Asp	Val	Tyr	Gln	
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Arg	Ser	Tyr	Cys	His	Pro	Ile	Glu	Thr	Leu	Val	Asp	Ile	Phe	Gln	Glu	
50						55					60					
Tyr	Pro	Asp	Glu	Ile	Glu	Tyr	Ile	Phe	Lys	Pro	Ser	Cys	Val	Pro	Leu	
65				70					75						80	
Met	Arg	Cys	Gly	Gly	Cys	Cys	Asn	Asp	Glu	Gly	Leu	Glu	Cys	Val	Pro	
			85					90						95		
Thr	Glu	Glu	Ser	Asn	Ile	Thr	Met	Gln	Ile	Met	Arg	Ile	Lys	Pro	His	
			100					105					110			
Gln	Gly	Gln	His	Ile	Gly	Glu	Met	Ser	Phe	Leu	Gln	His	Asn	Lys	Cys	
		115					120					125				
Glu	Cys	Arg	Pro	Lys	Lys	Asp	Arg	Ala	Arg	Gln	Glu	Lys	Cys	Asp	Lys	
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<220>
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tac ctc cac cat gcc aag tgg tcc cag gct 78
Tyr Leu His His Ala Lys Trp Ser Gln Ala
20 25